

P197T-L053

3.00 mm / 118 mil Pitch |
R<30 mOhm | Solder tight



Electrical specifications

Temperature [°C]	-45°...+200°		
Current [A]	9		
R _{TYP} [mOhm]	<100		

Mechanical specifications

Preload [cN]	40	70	80
Spring force [cN] at nt ±20%	100	150	200
Nominal travel [mm]	1.0	1.0	1.0
Maximum travel [mm]	1.2	1.2	1.2

Materials and plating

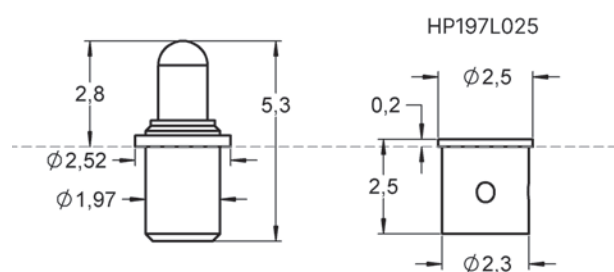
Plunger	Steel	longtime gold plated
Barrel	Bronze	gold plated
Spring	Stainless steel	silver plated
Receptacle	Bronze	gold plated

Accessories

see page 106 HP197		Receptacle
1020511	FEWZ-702E0	Insertion tool receptacle
1003566	FDWZ-100	Insertion tool probe

Series drawing

All measurements are in mm.



Drill size recommendation (mm)

Receptacle	2.28 - 2.29
Equal barrel-Ø	1.96 - 1.98

Order code	Product name	Tip Style	Material	Ø in mm	Plating	FM Choice
1009175	P19711B130G100TL053ST	11	B	1.30	G	
1013219	P19711B130G150TL053ST	11	B	1.30	G	
1001499	P19711B130G200TL053ST	11	B	1.30	G	
1013209	P19729B130G150TL053ST	29	B	1.30	G	-
1004495	P19729B130G200TL053ST	29	B	1.30	G	

P197T-L057

3.50 mm / 138 mil Pitch |
R<30 mOhm | Solder tight



Electrical specifications

Temperature [°C]	-45°...+200°
Current [A]	9
R _{TYP} [mOhm]	<100

Mechanical specifications

Preload [cN]	80
Spring force [cN] at nt ±20%	200
Nominal travel [mm]	1.0
Maximum travel [mm]	1.2

Materials and plating

Plunger	Steel	longtime gold plated
Barrel	Bronze	gold plated
Spring	Stainless steel	silver plated
Receptacle	Bronze	gold plated

Accessories

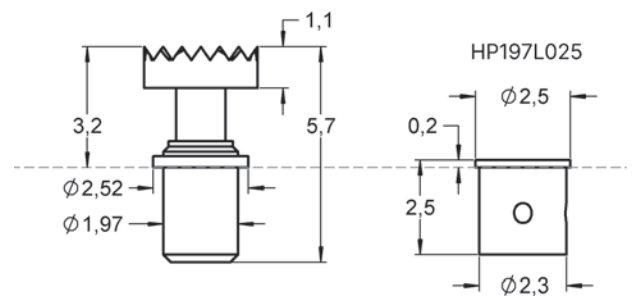
see page 106 HP197		Receptacle
1020511	FEWZ-702E0	Insertion tool receptacle
1003566	FDWZ-100	Insertion tool probe

Drill size recommendation (mm)

Receptacle	2.28 - 2.29
Equal barrel-Ø	1.96 - 1.98

Series drawing

All measurements are in mm.



Order code	Product name	Tip Style	Material	Ø in mm	Plating	FM Choice
1006308	P19706B300G200TL057ST	06 	B	3.00	G	



P197T-L080

3.00 mm / 118 mil Pitch |
R<100 mOhm | Solder tight

Electrical specifications

Temperature [°C]	-45°...+200°		
Current [A]	9		
R _{TYP} [mOhm]	<100		

Mechanical specifications

Preload [cN]	10	10	40
Spring force [cN] at nt ±20%	15	30	130
Nominal travel [mm]	1.5	1.5	1.5
Maximum travel [mm]	2.2	2.2	2.2

Materials and plating

Plunger	BeCu	gold plated
Barrel	Bronze	gold plated
Spring	Stainless steel	unplated
	Stainless steel	silver plated (S1)
Receptacle	Bronze	gold plated

Accessories

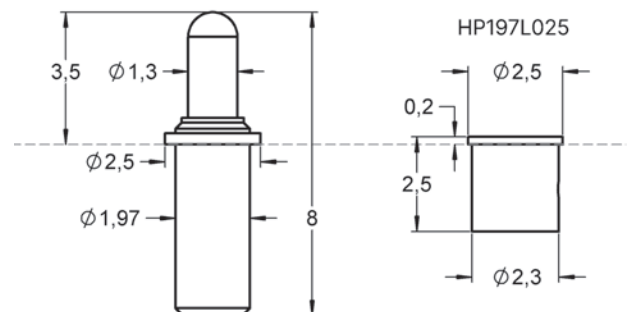
see page 106 HP197		Receptacle
1020511	FEWZ-702E0	Insertion tool receptacle
1003566	FDWZ-100	Insertion tool probe

Drill size recommendation (mm)

Receptacle	2.28 - 2.29
Equal barrel-Ø	1.95 - 1.96

Series drawing

All measurements are in mm.



POGO CONNECTORS

Order code	Product name	Tip Style	Material	Ø in mm	Plating	FM Choice
1003769	P19711B130G015TL080ST	11 	B	1.30	G	
1021010	P19711B130G015TL080STS1	11 	B	1.30	G	-
1007663	P19711B130G030TL080ST	11 	B	1.30	G	
1001497	P19711B130G130TL080ST	11 	B	1.30	G	
1042312	P19711B130G130TL080CRC	11 	B	1.30	G	-
1021001	P19711B130G130TL080STS1	11 	B	1.30	G	-
1023734	P19711B130G200TL080ST	11 	B	1.30	G	
1036122	P19716B130G130TL080ST	16 	B	1.30	G	-
1010516	P19729B130G015TL080ST	29 	B	1.30	G	-
1003761	P19729B130G130TL080ST	29 	B	1.30	G	
1007721	P19729B130G130TL080ST	34 	B	1.30	G	-

* Different internal design allows current up to 12 Ampere.



P197T-L090

3.00 mm / 118 mil Pitch |
R<100 mOhm

Electrical specifications

Temperature [°C]	-45°...+200°
Current [A]	9
R TYP [mOhm]	<100

Mechanical specifications

Preload [cN]	40
Spring force [cN] at nt ±20%	130
Nominal travel [mm]	1.5
Maximum travel [mm]	2.2

Materials and plating

Plunger	BeCu	rhodium plated
Barrel	Bronze	gold plated
Spring	Stainless steel	unplated
Receptacle	Bronze	gold plated

Accessories

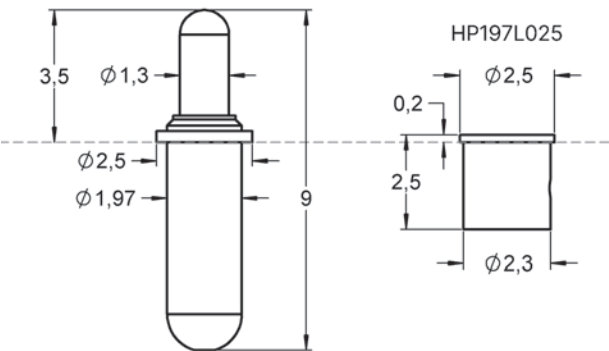
see page 106 HP197		Receptacle
1020511	FEWZ-702E0	Insertion tool receptacle
1003566	FDWZ-100	Insertion tool probe

Drill size recommendation (mm)

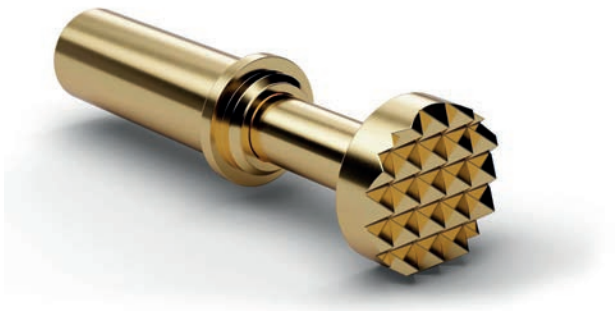
Receptacle	2.28 - 2.29
Equal barrel-Ø	1.95 - 1.96

Series drawing

All measurements are in mm.



Order code	Product name	Tip Style	Material	Ø in mm	Plating	FM Choice
1003659	P19711B130R130TL090S1	11 	B	1.30	R	Special version



P197T-L106

3.00 mm / 118 mil Pitch |
R<100 mOhm | Solder tight

Electrical specifications

Temperature [°C]	-45°...+200°
Current [A]	9
R _{TYP} [mOhm]	<100

Mechanical specifications

Preload [cN]	30	80	75
Spring force [cN] at nt ±20%	50	130	200
Nominal travel [mm]	1.5	1.5	1.5
Maximum travel [mm]	3.0	3.0	3.0

Materials and plating

Plunger	BeCu	gold plated
Barrel	Brass	gold plated
Spring	Stainless steel	unplated
Receptacle	Bronze	gold plated

Accessories

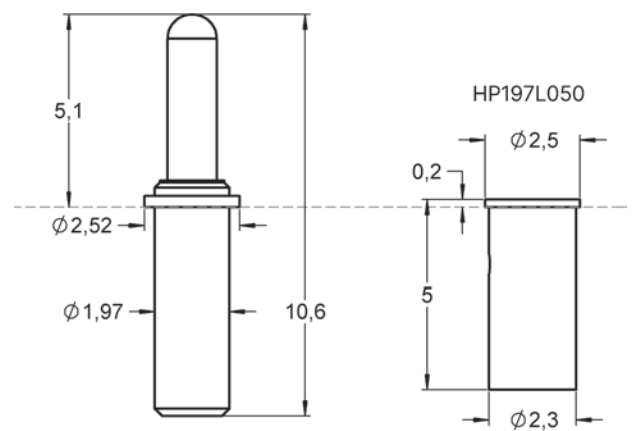
see page 106 HP197		Receptacle
1020511	FEWZ-702E0	Insertion tool receptacle
1003566	FDWZ-100	Insertion tool probe

Drill size recommendation (mm)

Receptacle	2.28 - 2.29
Equal barrel-Ø	1.96 - 1.98

Series drawing

All measurements are in mm.



POGO CONNECTORS

Order code	Product name	Tip Style	Material	Ø in mm	Plating	FM Choice
1018015	P19706B300G050TL106ST	06 	B	3.00	G	
1056749	P19706B300G130TL106ST	06 	B	3.00	G	-
1017593	P19711B130G050TL106ST	11 	B	1.30	G	-
1017591	P19711B130G130TL106ST	11 	B	1.30	G	
1019859	P19711B130G200TL106ST	11 	B	1.30	G	
1042316	P19711B130G130TL106STC	11 	B	1.30	G	-
1020710	P19711B130G130TL106STS1	11 	B	1.30	G	-
1027445	P19718B130G130TL106ST	18 	B	1.30	G	-
1000015	P19729B130G050TL106ST	29 	B	1.30	G	-
1094021	P19729B130G130TL106ST	29 	B	1.30	G	-



P197T-L114

3.00 mm / 118 mil Pitch |
R<100 mOhm | Solder tight

Electrical specifications

Temperature [°C]	-45°...+200°
Current [A]	10
R _{TYP} [mOhm]	<100

Mechanical specifications

Preload [cN]	80
Spring force [cN] at nt ±20%	130
Nominal travel [mm]	1.5
Maximum travel [mm]	2.2

Materials and plating

Plunger	BeCu	gold plated
Barrel	Brass	gold plated
Spring	Stainless steel	gold plated

Accessories

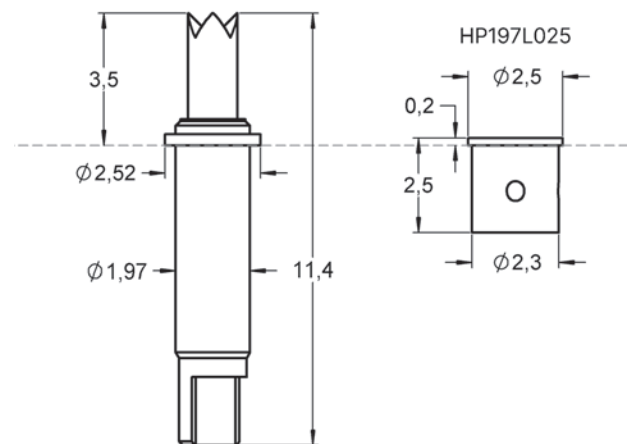
see page 106 HP197		Receptacle
1020511	FEWZ-702E0	Insertion tool receptacle
1003566	FDWZ-100	Insertion tool probe

Drill size recommendation (mm)

Receptacle	2.28 - 2.29
Equal barrel-Ø	1.95 - 1.96

Series drawing

All measurements are in mm.



Order code	Product name	Tip Style	Material	Ø in mm	Plating	FM Choice
1021811	P19729B130G130TL114LA	29 	B	1.30	G	-



P197T-L130

3.00 mm / 118 mil Pitch |
R<100 mOhm | Solder tight

Electrical specifications

Temperature [°C]	-45°...+200°
Current [A]	9
R _{TYP} [mOhm]	<100

Mechanical specifications

Preload [cN]	80
Spring force [cN] at nt ±20%	130
Nominal travel [mm]	1.5
Maximum travel [mm]	3.0

Materials and plating

Plunger	BeCu	gold plated
Barrel	Brass	gold plated
Spring	Stainless steel	unplated
Receptacle	Bronze	gold plated

Accessories

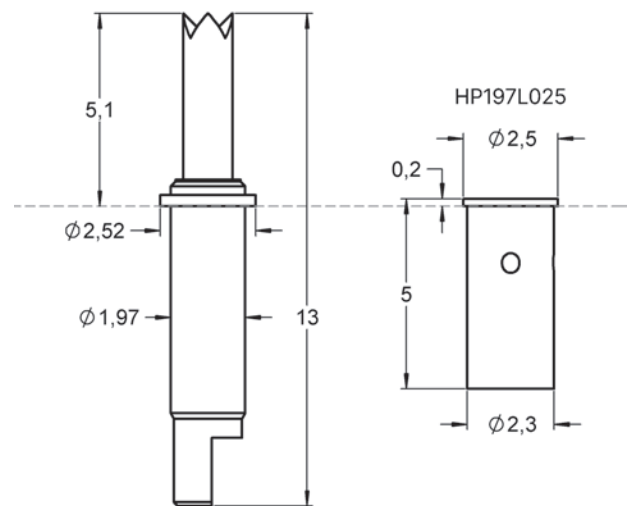
see page 106 HP197		Receptacle
1020511	FEWZ-702E0	Insertion tool receptacle
1003566	FDWZ-100	Insertion tool probe

Drill size recommendation (mm)

Receptacle	2.28 - 2.29
Equal barrel-Ø	1.96 - 1.98

Series drawing

All measurements are in mm.



Order code	Product name	Tip Style	Material	Ø in mm	Plating	FM Choice
1009105	P19711B130G130TL130LA	11	B	1.30	G	
1027202	P19721B130G050TL130LA	21	B	1.30	G	-
1016315	P19729B130G130TL130LA	29	B	1.30	G	-
1018041	P19734B130G200TL130LA	34	B	1.30	G	-